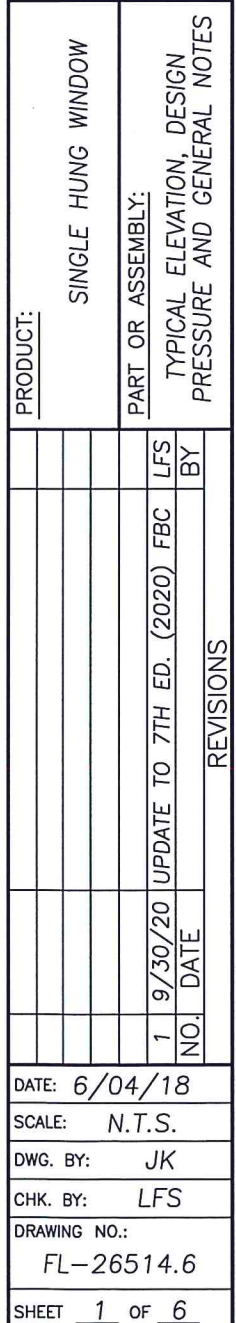
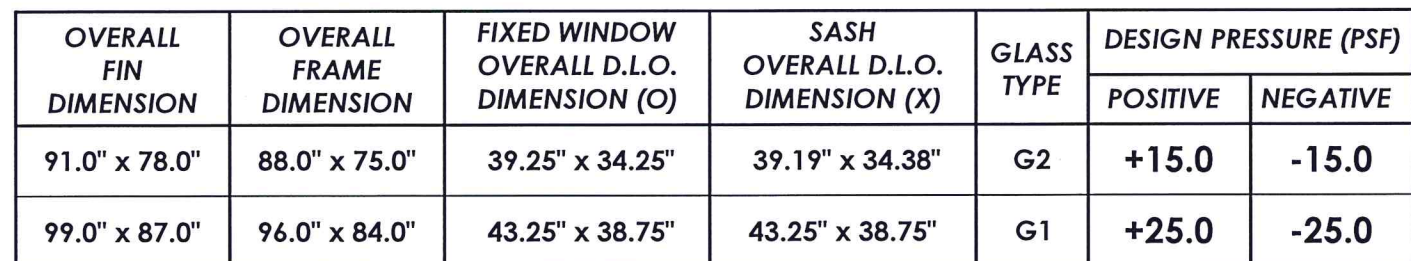


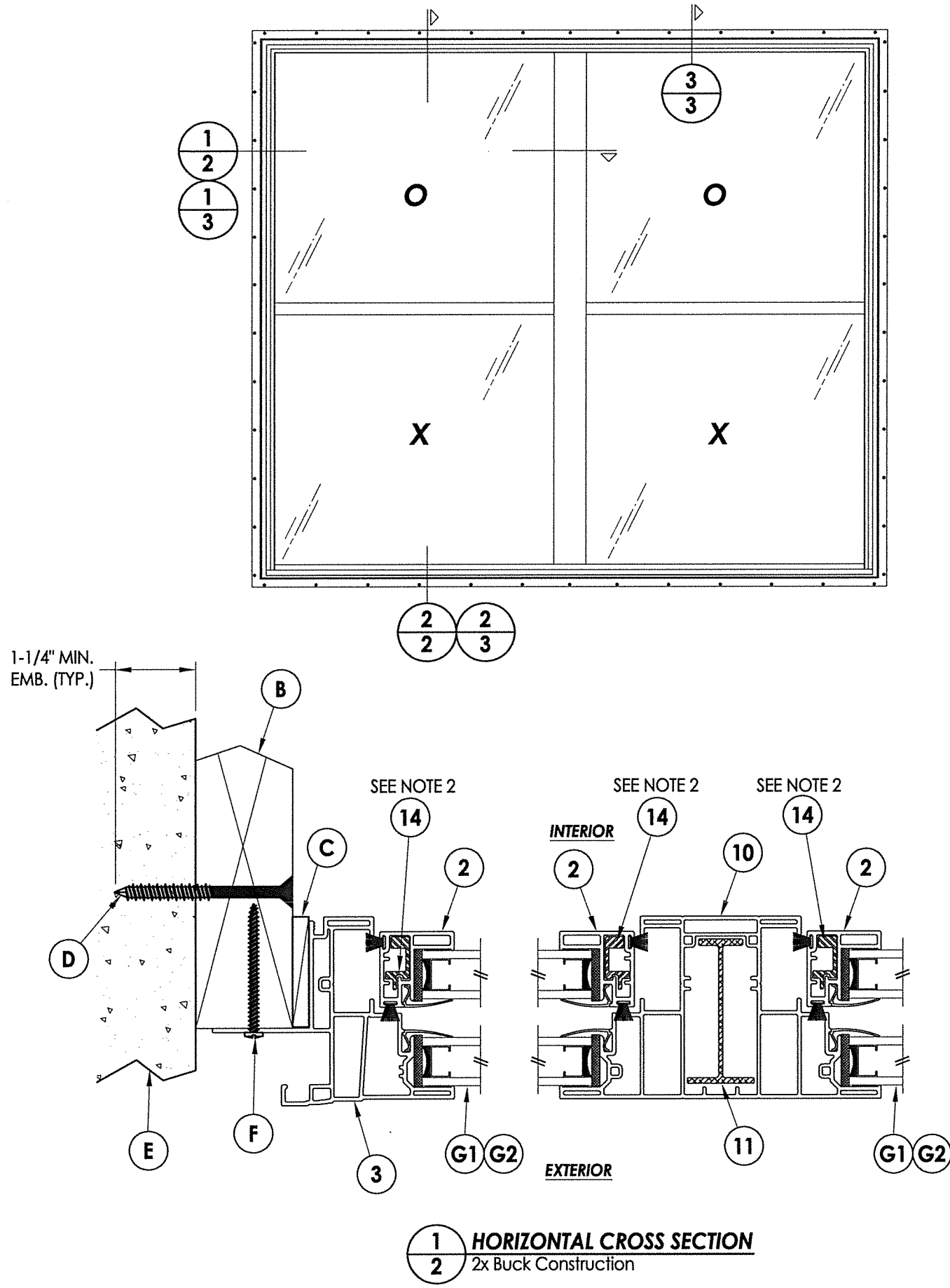


SERIES 1900 MODEL 1920
TWIN SINGLE HUNG WINDOW
w/ NAILING FIN
"NON-IMPACT"

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck anchoring
5	Frame anchoring
6	Bill of materials, glazing detail & components



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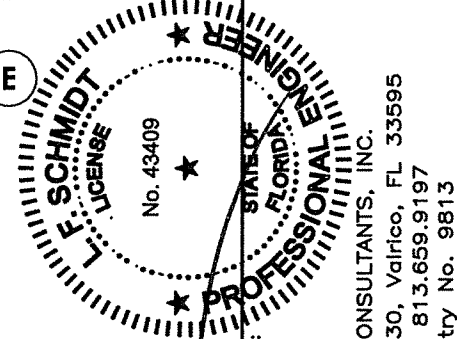
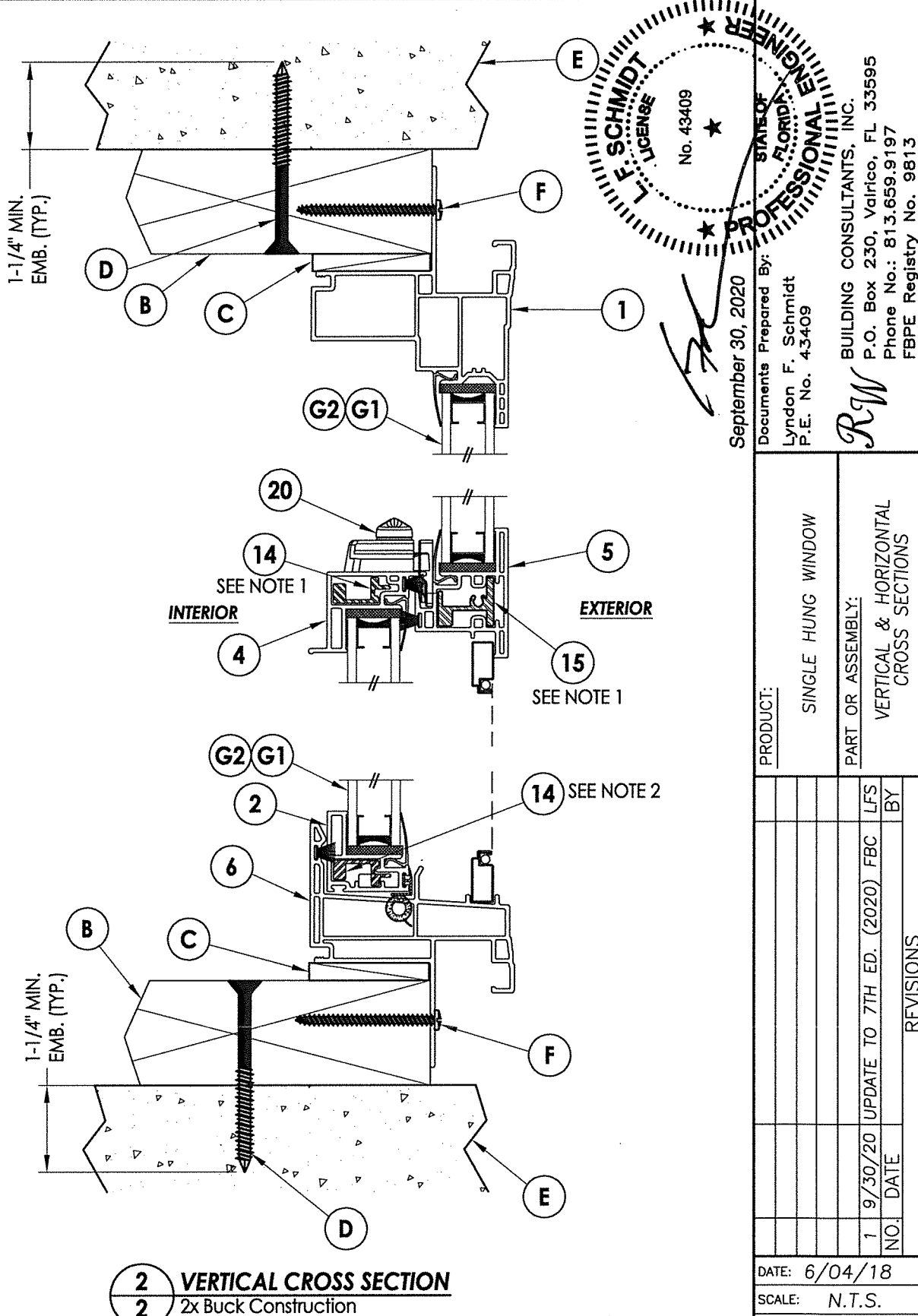
REINFORCEMENT NOTES:

1. LOCK & MEETING RAIL REINFORCEMENTS ARE REQUIRED FOR ALL WINDOW FRAME SIZES.

2. SASH STILE & BOTTOM RAIL REINFORCEMENTS ARE REQUIRED FOR EACH OF THE FOLLOWING:

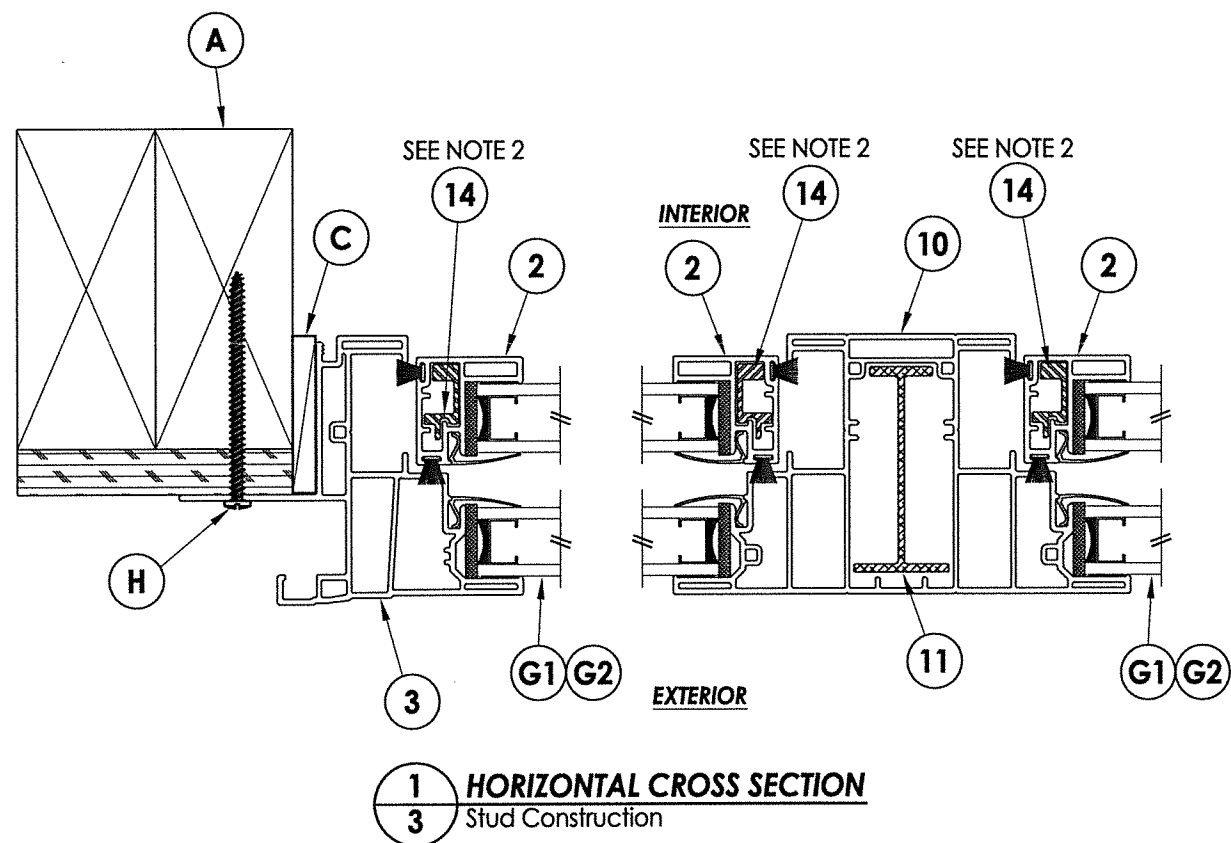
A. ALL WINDOW FRAME SIZES > 88" x 75".

B. ALL WINDOW FRAME SIZES WITH DESIGN PRESSURE > 15 PSF.



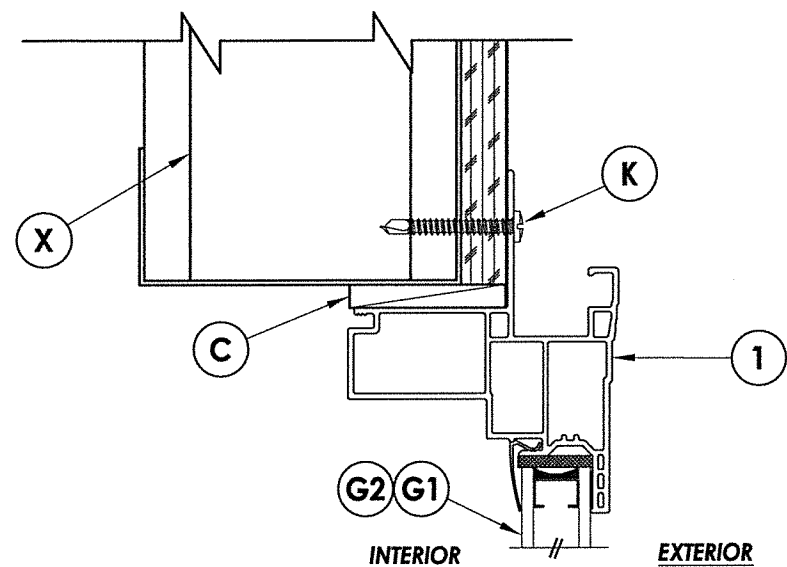
September 30, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	
DATE:		6/04/18	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-26514.6	
SHEET		2	OF 6
NO.		1	DATE
DATE		9/30/20	UPDATE TO 7TH ED. (2020) FBC
BY		LFS	
REVISIONS			

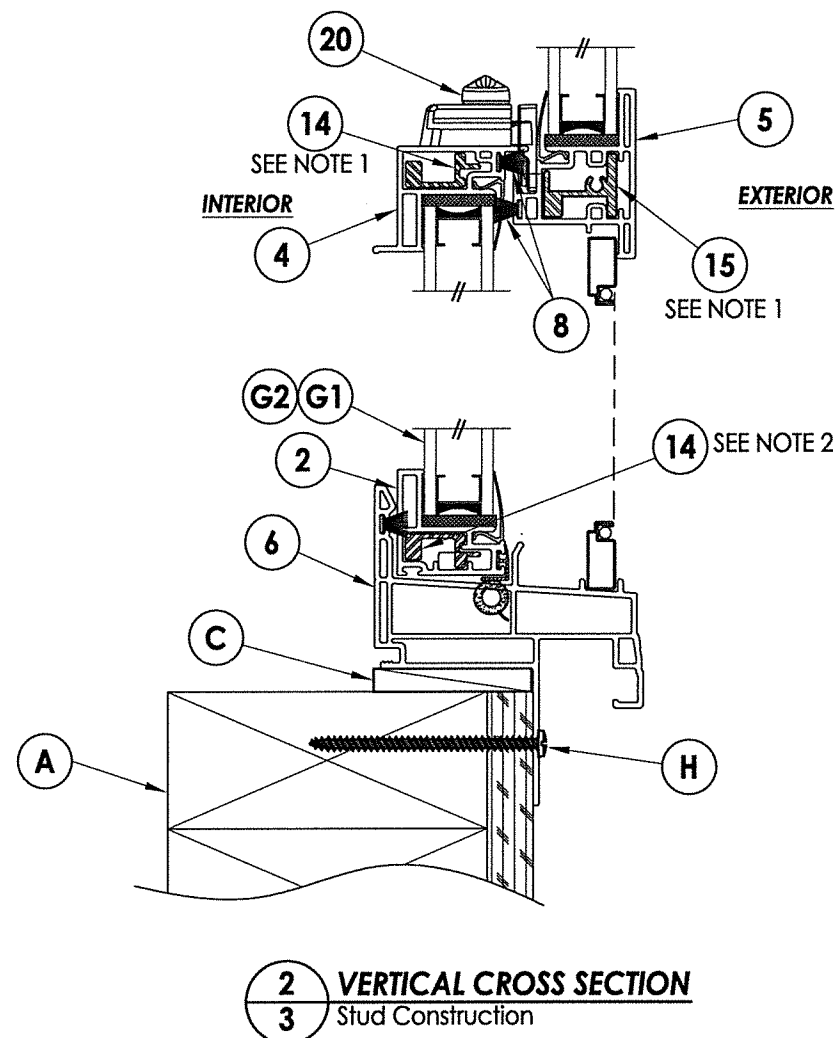


1 HORIZONTAL CROSS SECTION

3 Stud Construction



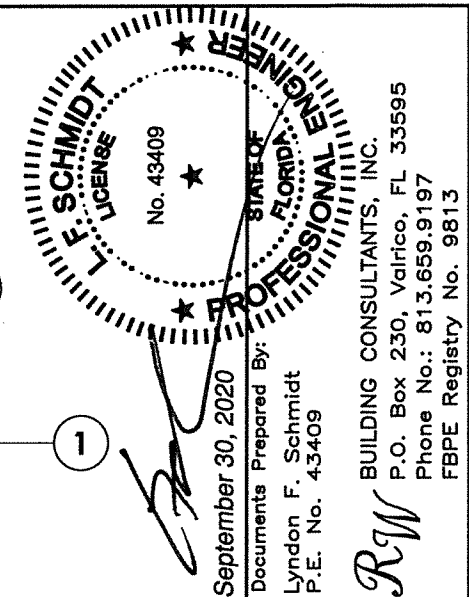
3 VERTICAL CROSS SECTION
Steel Stud Construction



2 VERTICAL CROSS SECTION
3 Stud Construction

REINFORCEMENT NOTES:

- REINFORCEMENT NOTES:**
1. LOCK & MEETING RAIL REINFORCEMENTS ARE REQUIRED FOR ALL WINDOW FRAME SIZES.
 2. SASH STILE & BOTTOM RAIL REINFORCEMENTS ARE REQUIRED FOR EACH OF THE FOLLOWING:
 - A. ALL WINDOW FRAME SIZES > 88" x 75".
 - B. ALL WINDOW FRAME SIZES WITH DESIGN PRESSURE > 15 PSF.



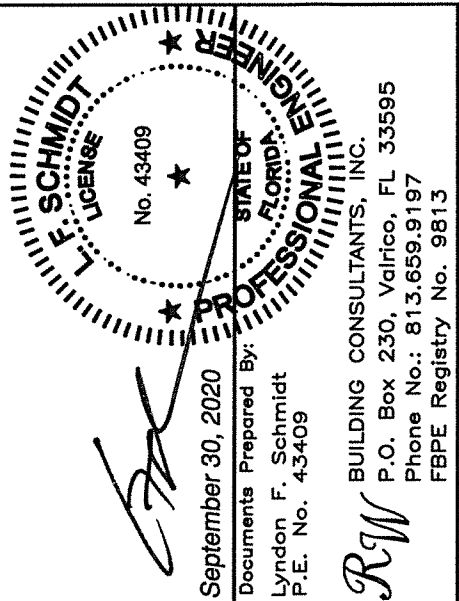
DATE: 6/04/18		PRODUCT: SINGLE HUNG WINDOW		PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS	
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-26514.6					
SHEET 3 OF 6					
1	9/30/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
NO.	DATE			BY	
				REVISIONS	



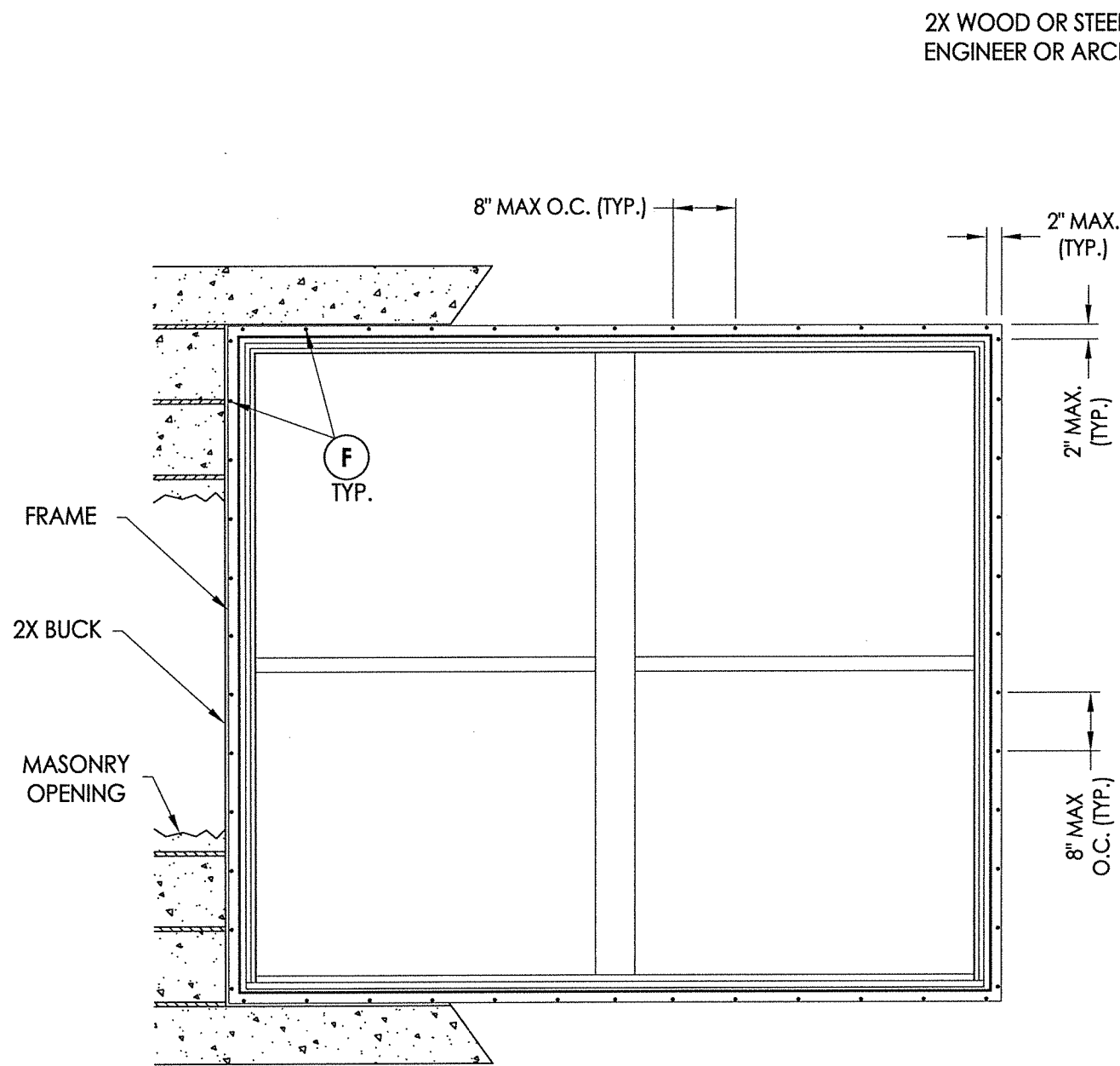
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

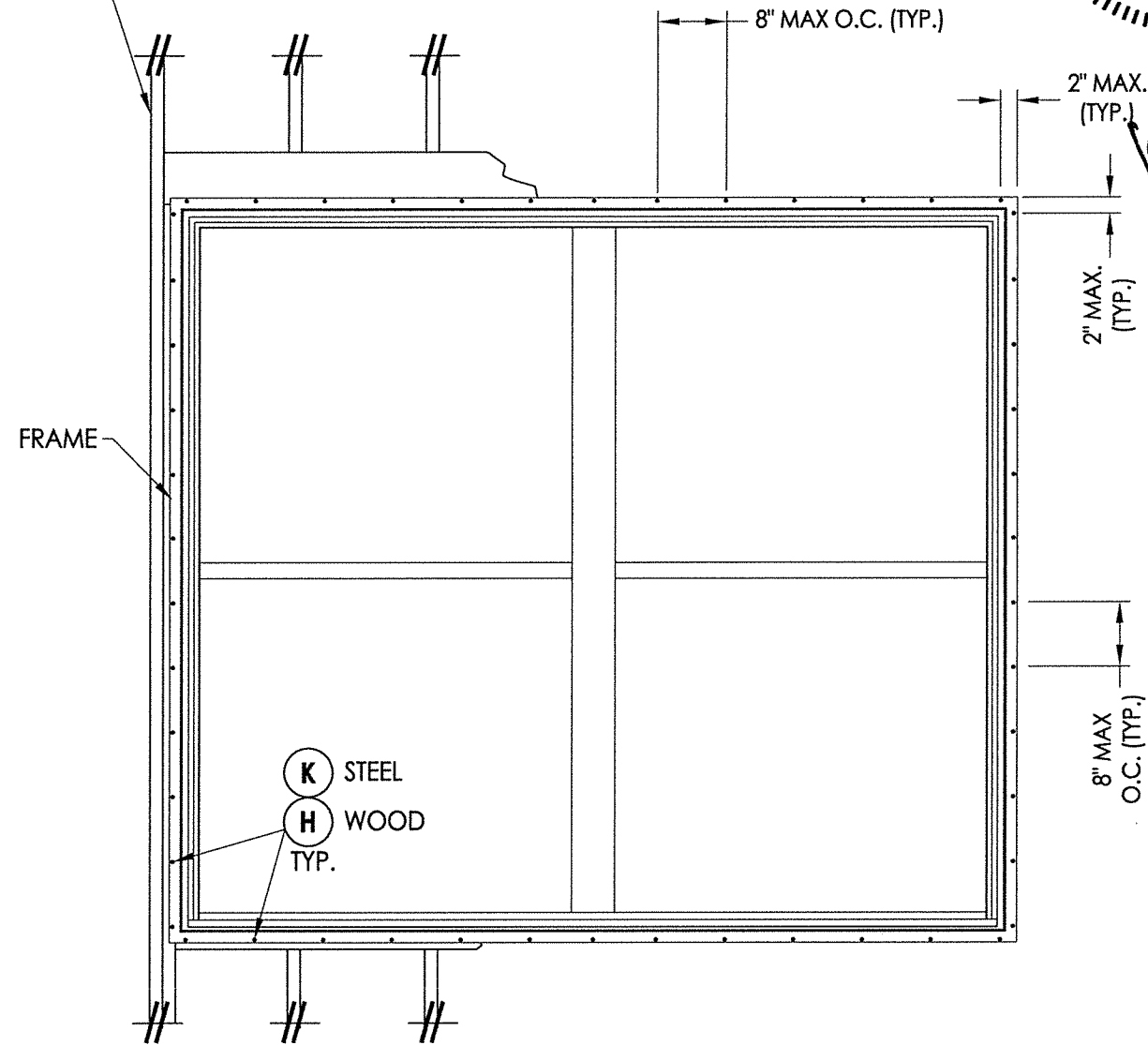
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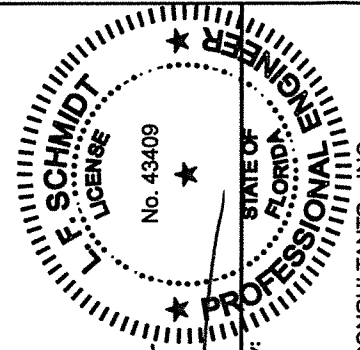


FRAME ANCHORING
Masonry 2X Buck Construction

2X WOOD OR STEEL STUD FRAMING TO BE DESIGNED BY THE
ENGINEER OR ARCHITECT OF RECORD.



FRAME ANCHORING
Stud Construction



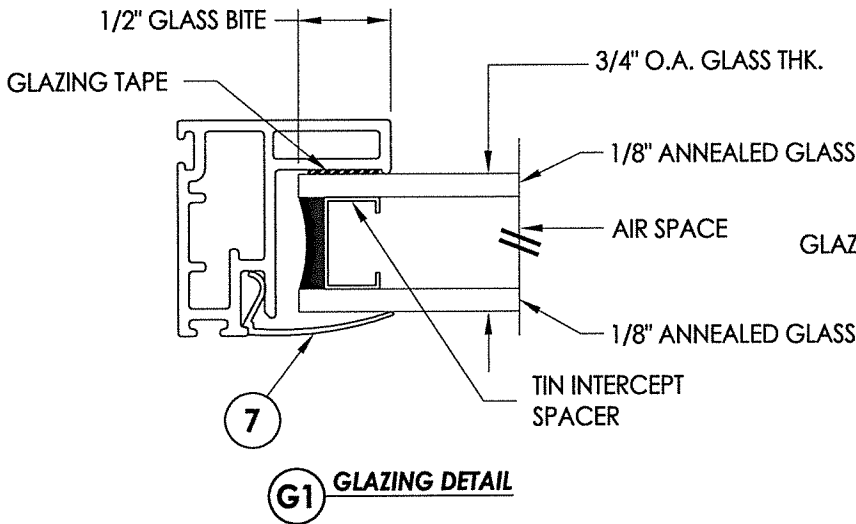
September 30, 2020
Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		FRAME ANCHORING	
NO.	DATE	UPDATE TO 7TH ED. (2020)	LFS
			BY
1	9/30/20	FBC	
REVISIONS			
DATE: 6/04/18			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-26514.6			
SHEET 5 OF 6			

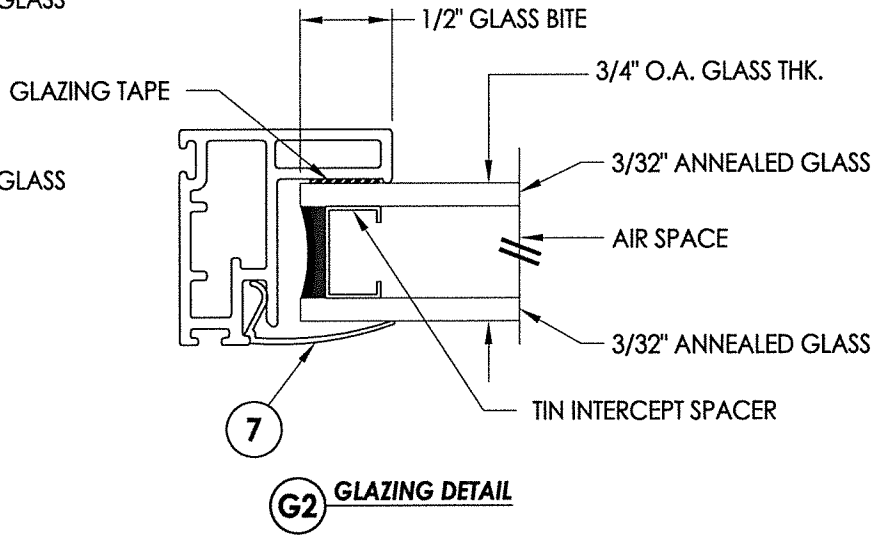
R:\Clients\Associated PERMANENT\A - Florida Product Approvals\FL-26514 Windows - Single Hung (CM)\C - Drawings\FL-26514.5-6.dwg, 3-6

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
H	#8 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	EXTRUDED VINYL FRAME HEAD*	RIGID PVC
2	EXTRUDED VINYL SASH STILE/RAIL*	RIGID PVC
3	EXTRUDED VINYL FRAME JAMB*	RIGID PVC
4	EXTRUDED VINYL LOCK STILE*	RIGID PVC
5	EXTRUDED VINYL MEETING RAIL*	RIGID PVC
6	EXTRUDED VINYL SILL*	RIGID PVC
7	EXTRUDED VINYL GLAZING BEAD*	RIGID PVC
8	WEATHERSTRIP (FIN PILE)	-
10	INTEGRAL MULLION*	RIGID PVC
11	MULLION REINFORCEMENT (S-048)(6005A-T5)	ALUM
14	SASH / STILE & RAIL REINFORCEMENT (S-047)(6063-T5)	ALUM
15	MEETING RAIL REINFORCEMENT (S-065)(6063-T5)	ALUM
20	CAM LOCK	-

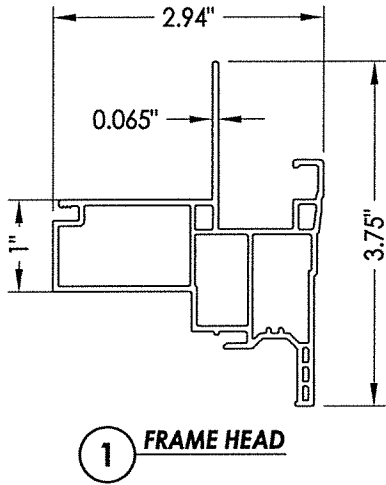
*THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS."



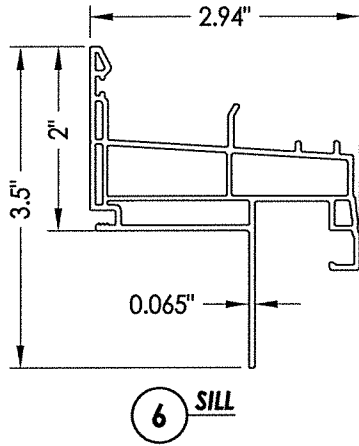
G1 GLAZING DETAIL



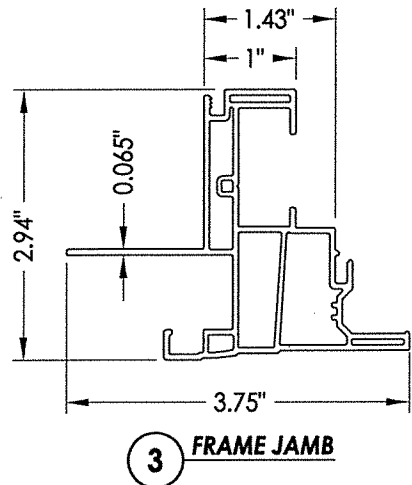
G2 GLAZING DETAIL



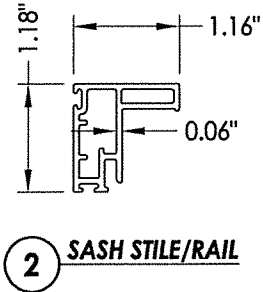
1 FRAME HEAD



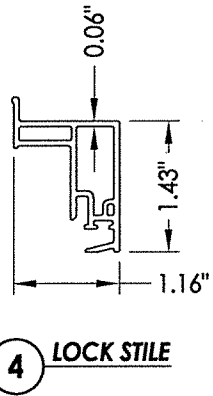
6 SILL



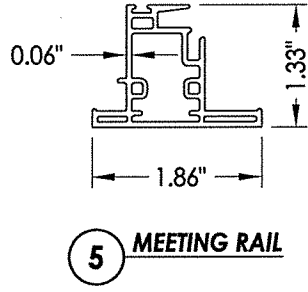
3 FRAME JAMB



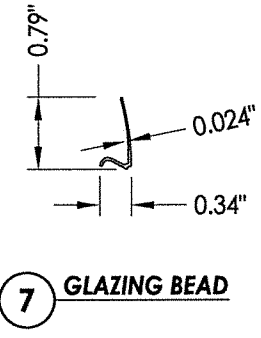
2 SASH STILE/RAIL



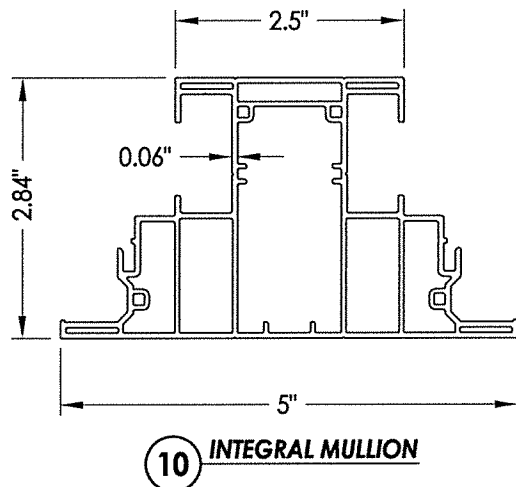
4 LOCK STILE



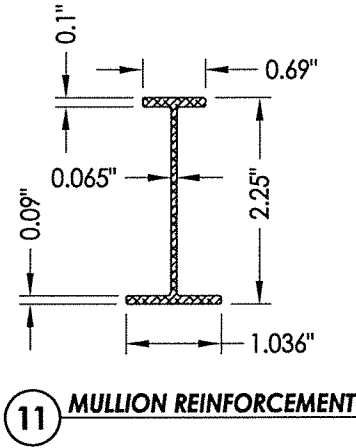
5 MEETING RAIL



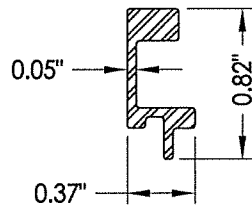
7 GLAZING BEAD



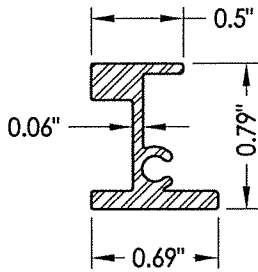
10 INTEGRAL MULLION



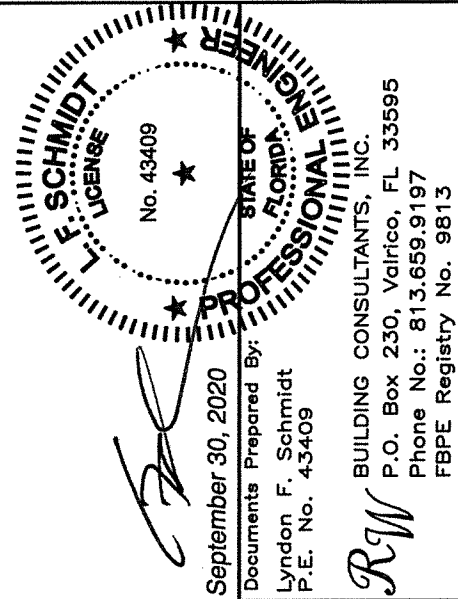
11 MULLION REINFORCEMENT



14 SASH/STILE & RAIL REINFORCEMENT



15 MEETING RAIL REINFORCEMENT



September 30, 2020
Documents Prepared By:
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P.E. No. 43409

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FBPE Registry No. 9813

PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS	
DATE:		6/04/18	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-26514.6	
SHEET		6	OF 6